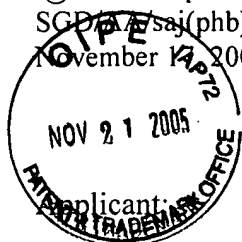


IPW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Joachim Kiefer and Oemer Uensal

Application No.: 10/506,622

Group Art Unit: 1713

Filed: December 8, 2004

Examiner: Not yet assigned

Confirmation No.: 5172

Title: MIXTURE COMPRISING SULPHONIC ACID CONTAINING VINYL,  
POLYMER ELECTROLYTE MEMBRANE COMPRISING  
POLYVINYLSULPHONIC ACID AND THE USE THEREOF IN FUEL CELLS

CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:	
11-18-05	Sandra Jamme
Date	Signature
Sandra Jamme	
Typed or printed name of person signing certificate	

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

☐ under 37 CFR 1.129(a), or

(First/Second submission after Final Rejection)

☒ under 37 CFR 1.97(b), or

(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).

☐ under 37 CFR 1.97(c) together with either:

☐ a Statement under 37 CFR 1.97(e), as checked below, or

☐ a \$180.00 fee under 37 CFR 1.17(p), or

(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

☐ under 37 CFR 1.97(d) together with:

☐ a Statement under 37 CFR 1.97(e), as checked below, and

☐ a \$180.00 fee under 37 CFR 1.17(p), or

(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)

☐ under 37 CFR 1.97(i):

Applicant requests that the IDS and cited reference(s) be placed in the application file.

(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
  - ☒ Copies of the cited references are enclosed. [AM-AQ4 & AR-AS]
  - ☐ Copies of issued U.S. patents and published U.S. applications are not required and are not being provided.
  - ☐ Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
  - ☐ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
- ☒ The "concise explanation" requirement (non-English references) for reference(s) [AM-AO, AQ, AL3, AN3-AQ3, AL4-AL5 under 37 CFR 1.98(a)(3)] is satisfied by:
  - ☐ the explanation provided on the attached sheet.
  - ☐ the explanation provided in the Specification.
  - ☐ submission of the enclosed International Search Report.
  - ☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
- ☒ the enclosed English language abstract.

☐ Applicant requests that the following non-published pending applications be considered:

Examiner's  
Initials

\_\_\_\_\_ U.S. Patent Application No. [    ], by [inventor(s)], filed [    ], Docket No.: [    ]

\_\_\_\_\_ U.S. Patent Application No. [    ], by [inventor(s)], filed [    ], Docket No.: [    ]

\_\_\_\_\_ U.S. Patent Application No. [    ], by [inventor(s)], filed [    ], Docket No.: [    ]

\_\_\_\_\_  
Examiner

\_\_\_\_\_  
Date

- ☐ A copy of each above-cited application, including the current claims, is enclosed, except any application filed on or after June 30, 2003, which has been scanned into the PTO's Image File Wrapper (IFW) system and is available to the examiner.
- ☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [    ], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

- ☐ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.
- ☐ Please charge Deposit Account 08-0380 in the amount of \$[    ]. A copy of this Statement is enclosed.
- ☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Alexander Akhiezer

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Dated: 11/18/05

PTO-1449 REPRODUCED

ATTORNEY DOCKET NO.  
3799.1003-000APPLICATION NO.  
10/506,622SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT IN AN APPLICATIONFIRST NAMED INVENTOR  
Joachim Kiefer371(c)/FILING DATE  
December 8, 2004EXAMINER  
Not assignedCONFIRMATION NO.  
5172GROUP  
1713

November 17, 2005

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / MM-DD-YYYY	NAME OF PATENTEE OF CITED DOCUMENT
	AE	3,313,783	04-11-1967	Iwakura, <i>et al.</i>
	AF	4,012,303	03-15-1977	D'Agostino, <i>et al.</i>
	AG	4,075,093	02-21-1978	Walch, <i>et al.</i>
	AH	4,187,333	02-05-1980	Rembaum, <i>et al.</i>
	AI	4,537,668	08-27-1985	Gaussens, <i>et al.</i>
	AJ	4,622,276	11-11-1986	Walsh
	AK	5,098,985	03-24-1992	Harris, <i>et al.</i>
	AA2	5,211,984	05-18-1993	Wilson
	AB2	5,218,076	06-08-1993	Madison, <i>et al.</i>
	AC2	5,312,895	05-17-1994	Dang, <i>et al.</i>
	AD2	5,492,996	02-20-1996	Dang, <i>et al.</i>
	AE2	5,599,639	02-04-1997	Ogata Neoya, <i>et al.</i>
	AF2	5,633,337	05-27-1997	Tan, <i>et al.</i>
	AG2	5,643,968	07-01-1997	Andreola, <i>et al.</i>
	AH2	5,656,386	08-12-1997	Scherer, <i>et al.</i>
	AI2	5,674,969	10-07-1997	Sikkema, <i>et al.</i>
	AJ2	6,087,032	07-11-2000	Yoshitake, <i>et al.</i>
	AK2	6,096,369	08-01-2000	Anders, <i>et al.</i>
	AA3	6,368,587 B1	04-09-2002	Anders, <i>et al.</i>
	AB3	5,599,639	02-04-1997	Naoya, <i>et al.</i>
	AC3	US 2001/0038937 A1	11-08-2001	Suzuki, <i>et al.</i>
	AD3	US 2002/0045085 A1	04-18-2002	Formato, <i>et al.</i>
	AE3	US 2004/0101731 A1	05-27-2004	Jakoby, <i>et al.</i>

EXAMINER

DATE CONSIDERED

PTO-1449 REPRODUCED  <b>SUPPLEMENTAL INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <b>November 17, 2005</b>  (Use several sheets if necessary)	ATTORNEY DOCKET NO. 3799.1003-000	APPLICATION NO. 10/506,622	
	FIRST NAMED INVENTOR Joachim Kiefer		371(c)/FILING DATE December 8, 2004
	EXAMINER Not assigned	CONFIRMATION NO. 5172	GROUP 1713

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO	
	AM	DE 101 48 131 A1	05-08-2003	GKSS-Forschungszentrum Geesthacht GmbH		
	AN	DE 1 301 578	08-21-1969	Teijin Ltd.		
	AO	DE 196 53 484 A1	06-25-1998	Fraunhofer Ges Foerderung Angewandten		
	AP	EP 0 265 921 A2	05-04-1988	Hoechst Celanese Corp.		
	AQ	EP 0 893 165 A2	01-27-1999	Huels Chemische Werke AG		
	AL2	EP 1 110 992 A1	06-27-2001	Kabushiki Kaisha Toyota Chuo		
	AM2	EP 1 202 365 A1	05-02-2002	Center for Advanced Science and Technology Incubation, Ltd.		
	AN2	EP 1 354 907 A1	10-22-2003	Toyo Boseki Kabushiki Kaisha		
	AO2	EP 0 476 560 A1	09-16-1991	The Dow Chemical Company		
	AP2	WO 94/25506	11-10-1994	Akzo Nobel		
	AQ2	WO 00/49069	08-24-2000	Mikael Paronen		
	AL3	WO 00/54351	09-14-2000	Center for Advanced Science and Technology Incubation, Ltd.		
	AM3	WO 01/45192 A1	06-21-2001	Proton Energy Systems, Inc.		
	AN3	WO 02/071518 A1	09-12-2002	Celanese Ventures GMBH		
	AO3	WO 02/081547 A1	10-17-2002	Celanese Ventures GMBH		
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	AL4	WO 02/36249 A1	05-10-2002	Celanese Ventures GMBH		
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	AN4	WO 03/007411 A2	01-23-2003	Müller, <i>et al.</i>		
	AO4	WO 03/022412 A2	03-20-2003	Celanese Ventures GmbH		
	AP4	JP 53-97988	08-26-1978	Toyo Soda Mfg. Co. Ltd.		
	AQ4	JP 2002146014	05-22-2002	Toyo Boseki		

EXAMINER	DATE CONSIDERED
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(Use several sheets if necessary)

GROUP  
1713

Toyo Boseki

Polymeric Materials Science and Engineering, Y. Sakaguchi et al., Vol. 84, 2001, p. 899-900.